

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,531,580 B2
APPLICATION NO. : 10/552236
DATED : May 12, 2009
INVENTOR(S) : Tetsuya Watanabe, Takashi Chiba and Shuzo Yamada

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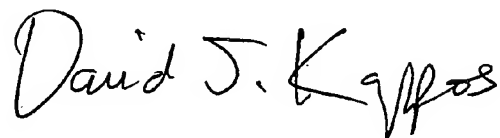
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Item (73), delete “Unimatec Co., Ltd., Tokyo (JP)” and substitute -- Unimatec Co., Ltd., Tokyo, (JP) and NOK Corporation, Tokyo (JP) -- in its place.

Signed and Sealed this

Twenty-ninth Day of June, 2010

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos
Director of the United States Patent and Trademark Office